

Requirements for Venting Regulators

NFPA 58 2004 edition section 5.7.5.1

- (1) Metal pipe and tubing
- (2) PVC meeting UL 651

Sch. 40 & 80 Rigid PVC conduit

5.7.5.2 Other PVC materials shall not be used

UL 651 Sch. 40 & 80 Rigid PVC Conduit and Fittings

Covers extruded rigid PVC electrical conduit & fittings

Sch. 40 & 80 rigid conduit & fittings are for aboveground use indoors or outside exposed to sunlight and weather, for underground use by direct burial.





6.7.4.5 The point of discharge for regulating equipment shall not be less than 3 feet to an opening below the level of such discharge.

6.7.4.6 The point of discharge shall be located not less than 5 feet in any direction from any source of ignition.



09/17/2010

ST 41U RIGID NON-METALLIC CONDUIT ABOVEGROUND AND UNDERGROUND SCHED 40 V801R

0011710010



08/27/2010



09/24/2010



5.7.3 Regulators

5.7.3.7 First-stage regulators shall incorporate an integral pressure relief valve having a start-to-discharge setting within the limits specified in UL 144, Standard for LP-Gas Regulators.

5.7.3.9 First-stage regulators shall have an outlet pressure setting up to 10.0 psig (69 kPag) in accordance with UL 144, Standard for LP-Gas Regulators.



Recommended service life for RegO Regulators manufactured after 1995 is **25 years** when manufactures recommendations are followed.

Press Release
June 23,2003



Recommended service life for Fisher R622H regulators is **20 years** when manufactures recommendations are followed.

Bulletin
LP-7:R622H
March 2010

5.7.3.8 High-pressure regulators with a rated capacity of more than 500,000 Btu/hr (147 kW/hr) where permitted to be used in two-stage systems shall incorporate an integral pressure relief valve or shall have a separate relief valve.





Fisher 627 with $\frac{1}{2}$ orifice
Capacity 10,755,000 Btu

Fisher R622H $\frac{1}{2}$ inch
Capacity 2,100,000 Btu

RegO 1580 Series Capacity
11,000,000 Btu

RegO LV4403SR $\frac{1}{2}$ inch
Capacity 2,500,000 Btu

Piping Capacities

40 feet at 10 psi in Btu

$\frac{3}{4}$ inch sch 40 pipe 1,500,000

$\frac{3}{4}$ inch sch 80 pipe 1,121,000

$\frac{3}{4}$ IPS SDR 11 plastic
3,673,000

Fisher 627
Regulator

Fisher
1805
Relief
Valve

2"
main

Reg
Adjuster
all valves
out to 5 psi
look up.

Set at 125
6-17-08

07/08/2008

